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zone classification image vehicle

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Patents **1 - 10** on **zone classification image vehicle**. (0.19 seconds)

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Open road cashless toll collection system and method using transponders and cameras to track vehicles
US Pat. 6140941 - Filed Jan 17, 1997 - Raytheon Company
As a **vehicle** 17 passes through the toll collection **zone**, ... If **image**(s) were
captured, the **vehicle** detection and **classification** data is coupled to the ...

Occupant detection system
US Pat. 6968073 - Filed Apr 24, 2002 - Automotive Systems Laboratory, Inc.
10 As one example of a **classification** process, the feature vector is ... surface of
an avoidance **zone** in a region of space of in a **vehicle** proximate to an ...

Intelligent **vehicle** highway system sensor and method
US Pat. 5757472 - Filed Aug 9, 1996 - Schwartz Electro-Optics, Inc.
A sensor for detection and **classification** of vehicular traffic data, ...
through the sensor **zone**, the processing means forming a three-dimensional **image** ...

Object detection system for **vehicle**
US Pat. 7038577 - Filed Apr 30, 2003 - Donnelly Corporation
(54) OBJECT DETECTION SYSTEM FOR **VEHICLE** (75) Inventors: John A. ... The reduced
image data set is representative of a target **zone** of the captured **image**. ...

Decision enhancement system for a **vehicle** safety restraint application
US Pat. 6856694 - Filed Nov 7, 2003 - Eaton Corporation
At 420, the At-Risk-**Zone** is defined to correspond to a 5 location of the deployment
mechanism ... **classification**, tracking, calibration, and **image** quality. ...

Decision enhancement system for a **vehicle** safety restraint application
US Pat. 6944527 - Filed Nov 7, 2003 - Eaton Corporation
At 420, the At-Risk-**Zone** is defined to correspond to a 5 location of the deployment
mechanism ... **classification**, tracking, calibration, and **image** quality. ...

Vehicle classification and axle counting sensor system and method
US Pat. 6304321 - Filed Jan 7, 2000 - Schwartz Electro-Optics, Inc.
VEHICLE CLASSIFICATION AND AXLE COUNTING SENSOR SYSTEM AND METHOD CROSS REFERENCE
TO RELATED 5 APPLICATIONS This application claims priority to provisional ...

Model-based incident detection system with motion **classification**
US Pat. 6985172 - Filed Jan 25, 2002 - Southwest Research Institute
Digital **image** data may be obtained from a video digitizer for converting the analog
... following prescribed paths, a **vehicle** stopping in a traffic lane. ...

System and method for reading license plates
US Pat. 7068185 - Filed Jan 28, 2002 - Raytheon Company
In another embodiment, the system verifies the **classification** manually and/or
automatically using a rear or side **image** of the **vehicle**. ...

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Patents **11 - 20** on **grid classification**. (0.11 seconds)

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AUTOMATIC CONTROL SYSTEM FOR RAILWAY CLASSIFICATION YARDS
US Pat. 3247372 - Filed Aug 7, 1957
A portion of this signal is coupled directly to the **grid** of amplifier tube V102
through resistor R93, and another portion is differentiated in capacitor C91 ...

Method and apparatus for the **classification** of solid particles
US Pat. 5908115 - Filed Feb 11, 1997 - Montell North America, Inc.
The system is not suitable for continuous **classification** of fine particles, and
the system for cleaning the filtering **grid** by mechanical vibrations is not ...

Adaptive system and method for pattern **classification**
US Pat. 7058240 - Filed Oct 18, 2002 - Lockheed Martin Corporation
6a is also graphical representation of an addressed object and the normalized
grid as used in this invention and depicts the calculation of characteristic ...

CLASSIFICATION OF SHEET MATERIAL
US Pat. 3138048 - Filed Feb 24, 1956
... a positive pulse is transferred through resistor 152 to the control **grid** 153
of an ... time of the apparatus and provides a sheet **classification** system hav-

Classification-driven thresholding of a normalized grayscale image
US Pat. 6266445 - Filed Mar 13, 1998 - Canon Kabushiki Kaisha
Coupled to the normalization unit 134 is the **classification** unit 138, which compares
... The **grid** 500 is used for assigning values to the gray matrix 144, ...

PROCESS AND APPARATUS FOR CATALYST CLASSIFICATION IN A MOVING BED CATALYST CONVERSION PROCESS FOR HYDROCARBONS
US Pat. 2664387 - Filed May 22, 1945
Due to the extremely rapid **classification** previously described, the minor portion
of catalyse material passing through the **grid** to the connection 3i ...

CLASSIFICATION METHOD AND APPARATUS
US Pat. 3221152 - Filed Mar 14, 1961
This bias is counteracted by a poten-tial impulse impressed on the **grid** 455 ...
This impresses a small negative bias on the suppressor **grid** 465 until after ...

Hammermill air relief
US Pat. 6405950 - Filed Jan 5, 2001 - Ag Processing Inc
40 45 A rotor 60 and **classification grid** 80 are mounted within the housing ...
50 The **classification grid** 80 is mounted such that it substan-tially but not ...

FINGERPRINT CLASSIFICATION BY COORDXNATE SYSTEM
US Pat. 3419287 - Filed Dec 8, 1965
In this **classification** system it should be noted that no distinction is made ...
of a Cartesian coordinate system, as indicated by the imaginary **grid** 16 ...

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disparity airbag   Search Patents   Advanced Patent Se
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Patents **1 - 10** on **disparity airbag**. (0.11 seconds)

Pressure equalizing curtain **airbag**   **Sort by relevance** | Sort by date (new first) | Sort by date (old first)
US Pat. 6846010 - Filed Jan 30, 2002 - Autoliv ASP, Inc.
The **disparity** in pressure may result in the **airbag** being unequally inflated or
in the inflation of one protection zone lagging behind the inflation of ...

Video occupant detection and classification
US Pat. 5983147 - Filed Feb 6, 1997 - Sandia Corporation
Besides the obvious difference of using **disparity** instead of intensity, ...
The data from these tests showed only one "fatal" **airbag** retention for 219 ...

Vehicle with novel **airbag** unit installation structure
US Pat. 5425549 - Filed Mar 22, 1994 - Mazda Motor Corporation
Before the installation of the **airbag** system, the fittings 32 at the U-shaped
hook 70 ... there occurs no **disparity** in preferred embodiment, various other ...

Range discriminating optical sensor having a wide angle lens with a fixed focal length
US Pat. 7084385 - Filed Aug 19, 2003 - Autoliv ASP, Inc.
Airbag modules commonly contain a collision sensor, an inflator, ... With two
cameras, the **disparity** measurements between the two images in the two cameras ...

Method and apparatus for self-diagnostics of a vision system
US Pat. 7003384 - Filed Oct 24, 2003 - TRW Automotive U.S. LLC
The difference in the positions of the object 94 in the images is referred to
as "**disparity**." To get a proper **disparity** between the images for performing ...

Data processing system and method
US Pat. 6456737 - Filed Aug 17, 2000 - Interval Research Corporation
... force of an **airbag** when a child is determined to 25 be sitting in the car seat;
... A method of generating **disparity** results with low latency in a data ...

Sensor fusion architecture for vision-based occupant detection
US Pat. 6801662 - Filed Oct 10, 2000 - HRL Laboratories, LLC
... performed by an active **airbag** control system is to evaluate dynamically ...
The **disparity** or shift of matching pixels between the images 8 viewed by the ...

Vacuum control and air restriction barrier for a garment press
US Pat. 6662980 - Filed Jun 11, 2002 - Forenta, LP
Moreover, by preselecting the fabricating material used to make the con-trol
barrier 10 the **disparity** between the vacuum force applied to the front portion ...

Interface between impact sensor and controller for a supplemental inflatable restraint system
US Pat. 5620202 - Filed Jan 23, 1995 - Delco Electronics Corp.
3-5 are not drawn to scale since the **disparity** between msec and usée ranges render
proper scale impractical. Also the pulses are shown in square wave form ...

Data processing system and method

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Matuszyk, L.; Zelinsky, A.; Nilsson, L.; Rilbe, M.;
Intelligent Vehicles Symposium, 2004 IEEE
14-17 June 2004 Page(s):31 - 36
Digital Object Identifier 10.1109/IVS.2004.1336351

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☐ 2. **A structure-from-motion algorithm for robot vehicle guidance**
Wang, H.; Brady, M.;
Intelligent Vehicles '92 Symposium., Proceedings of the
29 June-1 July 1992 Page(s):30 - 35
Digital Object Identifier 10.1109/IVS.1992.252229

AbstractPlus | Full Text: PDF(568 KB)   IEEE CNF
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☐ 3. **Fast object segmentation from a moving camera**
Arnell, F.; Petersson, L.;
Intelligent Vehicles Symposium, 2005. Proceedings. IEEE
6-8 June 2005 Page(s):136 - 141
Digital Object Identifier 10.1109/IVS.2005.1505091

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☐ 4. **U-V-disparity: an efficient algorithm for stereovision based scene analysi**
Hu, Z.; Uchimura, K.;
Intelligent Vehicles Symposium, 2005. Proceedings. IEEE
6-8 June 2005 Page(s):48 - 54
Digital Object Identifier 10.1109/IVS.2005.1505076

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☐ 5. **Local 3D map building and error analysis based on stereo vision**
Huahua Chen; Zezhong Xu;
Industrial Electronics Society, 2005. IECON 2005. 32nd Annual Conference of
6-10 Nov. 2005 Page(s):4 pp.
Digital Object Identifier 10.1109/IECON.2005.1568934

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☐   1. **Magnetic Scalar Triangulation and Ranging system for autonomous unde based detection, localization and classification of magnetic mines**
Wiegert, R.F.; Purpura, J.W.;
OCEANS '04. MTS/IEEE TECHNO-OCEAN '04
Volume 2, 9-12 Nov. 2004 Page(s):890 - 896 Vol.2
Digital Object Identifier 10.1109/OCEANS.2004.1405589

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☐   2. **IEEE Oceanic Engineering Society. OCEANS'98. Conference Proceedings No.98CH36259)**
OCEANS '98 Conference Proceedings
Volume 1, 28 Sept.-1 Oct. 1998
Digital Object Identifier 10.1109/OCEANS.1998.725630

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☐   3. **Side zone automotive radar criteria for target classification**
Reed, J.C.;
Intelligent Vehicles '95 Symposium., Proceedings of the
25-26 Sept. 1995 Page(s):361 - 363
Digital Object Identifier 10.1109/IVS.1995.528308

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☐   4. **3D vision technology for occupant detection and classification**
Devarakota, P.R.R.; Mirbach, B.; Castillo-Franco, M.; Ottersten, B.;
3-D Digital Imaging and Modeling, 2005. 3DIM 2005. Fifth International Confer
13-16 June 2005 Page(s):72 - 79
Digital Object Identifier 10.1109/3DIM.2005.1

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☐   5. **Using evolutionary computation for seismic signal detection: a homelanc application**
Porto, V.W.; Fogel, L.J.; Fogel, D.B.;
Computational Intelligence for Homeland Security and Personal Safety, 2004.
Proceedings of the 2004 IEEE International Conference on